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1.   STANDARD

1.1.   Summary of Standard Changes

1.2.   Purpose

The purpose of the Standard and Procedure for file transfer protocol is to ensure the proper transfer of files between the PC and the Mainframe using FTP.

1.3.   Scope

1.4.   Responsibilities

1.5.   Definitions and Abbreviations

FTP - File Transfer Protocol – Come with the TCPIP stack.

1.6.   Description of Standard

1.7.   Implications

1.8.   References

1.9.   Attachments

2.   FTP PROCEDURES

2.1.   Summary of Procedure Changes

2.2.   Procedure Details

Go to the DOS prompt.

For NT:
Click the 'START' button
Select 'PROGRAMS'
Select 'COMMAND PROMPT'

For Windows 2000:
Click the 'START' button
Select 'PROGRAMS'
Select 'ACCESSORIES'

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Select 'COMMAND PROMPT'

Type in 'FTP' than press enter.
(Make sure caps lock is off.)
ftp>   will appear

Type 'open *IP Address or host name*'

The FTP Server prompts for your User ID.

Enter your user ID.

The FTP Server will prompt you for your password.

Enter your password.

Type 'binary' to transfer a binary file. The default is ASCII.

To transfer a file from the Mainframe to the PC type in:

> get 'Main*frame dataset name or Mainframe PDS* ' PC file name.
> (Example: get 'download.myfile' c:\myfile.txt – for a dataset
> get 'download.cat(myfile) c:\myfile.txt   GDD can be transferred using the standard conventions)

To transfer a file from the PC to the Mainframe type in:

> put *PC file name* '*mainframe dataset or Mainframe PDS*' *(replace*
> (Example: put c:myfile 'mainfrane.dataset' (replace – Note replace is used to over write a existing dataset/member)

Below are real-world examples of a 'get' and a 'put'

ftp> open mainframe
Connected to mainframe.ad.state.az.us.
220-FTPD1 IBM FTP CS V2R10 at MAINFRAME.AD.STATE.AZ.US, 22:50:31 on 2003-01-27.
220 Connection will close if idle for more than 60 minutes.
User (mainframe.ad.state.az.us:(none)): tek05
331 Send password please.
Password:
230 TEK05 is logged on. Working directory is "TEK05.".
ftp> get 'tek05.jcl(bpxprmet)' d:\bpxprmet.txt

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```
200 Port request OK.
125 Sending data set TEK05.JCL(BPXPRMET) FIXrecfm 133
250 Transfer completed successfully.
135270 bytes received in 0.23 seconds (585.58 Kbytes/sec)
ftp> put d:\bpxprmet.txt 'tek05.jcl(bpxprmet)' (replace
200 Port request OK.
125 Storing data set TEK05.JCL(BPXPRMET)
250 Transfer completed successfully.
135270 bytes sent in 0.17 seconds (795.71 Kbytes/sec)
```

When done transferring files type 'QUIT'
This logs you off of FTP.

Then type in 'EXIT' which close to DOS window.

2.3.   References